

# EXHIBIT 1

UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF PENNSYLVANIA

IN RE VANGUARD CHESTER FUNDS  
LITIGATION

Case No. 2:22-cv-955-JFM

**DECLARATION OF PAUL MULHOLLAND ON BEHALF OF STRATEGIC CLAIMS  
SERVICES REGARDING TIMELY RECEIPT OF RECOVERY PURSUANT TO THE  
SETTLEMENT AND IN FURTHER SUPPORT OF FINAL APPROVAL OF CLASS  
ACTION SETTLEMENT**

I, Paul Mulholland, declare:

1. I am a Certified Public Accountant (inactive) and president of Strategic Claims Services (“SCS”). I have over thirty years of experience specializing in litigation support services principally in the administration of securities class action settlements. I have also testified as an expert witness in securities and other class action matters.<sup>1</sup> I am over 21 years of age and am not a party to this action.

2. SCS was appointed and approved as the Claims Administrator pursuant to the Court’s Order Preliminarily Approving Class Action Settlement and Providing for Notice, dated November 25, 2024 (Dkt. No. 152, the “Preliminary Approval Order”), to supervise and administer the notice procedure as well as the processing of claims in connection with the Settlement of the Action<sup>2</sup> (the “Settlement”). SCS has administered over seven hundred class

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<sup>1</sup> Attached as Exhibit A is an SCS Brochure; my resume including expert testimonies and depositions; and a list of recent settlements administered by SCS.

<sup>2</sup> Capitalized terms, unless otherwise defined herein, have the same meaning as set forth in the Stipulation of Settlement, dated November 6, 2024 (Dkt. 148, the “Stipulation”).

action settlements, including over five hundred securities class action cases, and has distributed over three billion dollars in settlement funds.

3. At the request of Class Counsel, I am submitting this declaration in support of Plaintiffs' supplemental response to the objections by John Hughes (Dkt. Nos. 161 and 173) and to provide the Court and the Parties to the above-captioned Action with information regarding the immediate benefits to the Settlement Class via the recovery offered by the Settlement, if approved, as opposed to the value of future recovery if the Settlement were not approved and the Settlement Amount were distributed on the projected timescale via the fair fund (the "Vanguard Fair Fund") established by the Order Instituting Administrative and Cease-and-Desist Proceedings, Pursuant to Section 8A of the Securities Act of 1933, Sections 203(e) and 203(k) of the Investment Advisers Act of 1940, and Section 9(f) of the Investment Company Act of 1940, Making Findings, and Imposing Remedial Sanctions and a Cease-and-Desist Order, dated January 17, 2025 (SEC Admin. Proc. File No. 3-22435, Release Nos. 11359, 6830, 35453, "SEC Order"). I make this declaration based on personal knowledge, and if called to testify, I could and would do so competently.

#### **IMMEDIATE MONETARY BENEFITS TO SETTLEMENT CLASS MEMBERS**

4. The Vanguard Fair Fund will be subject to a much lengthier administrative process than the Settlement, and as such it will take substantially longer to distribute funds to investors than the Settlement, as explained more fully below. The money in the Vanguard Fair Fund will be inaccessible to investors for several years throughout its administration process. The Settlement offers a more immediate recovery for Settlement Class Members and therefore a more preferable outcome for the Settlement Class than a recovery through the Vanguard Fair Fund that will most likely be several years away.

5. In addition to its work administering class action settlements, SCS has also been appointed as fund administrator four times in the past ten years for fair funds established by the Securities and Exchange Commission (“SEC,” and the “SEC Fair Funds”).<sup>3</sup> Prior to being appointed as the fund administrator for the SEC Fair Funds, SCS had previously served as claims administrator for certain class action settlements that concerned substantially the same securities over the same periods (the “Class Actions”). In each case, investors were permitted to submit claims and eligible to recover under both the SEC Fair Funds and their corresponding Class Actions.

6. The SEC Fair Funds have had more administrative benchmarks that had to be met compared to the corresponding Class Actions. As a result, the average time from when respondents were ordered to pay civil money penalties to the date when the SEC Fair Funds were ultimately distributed to investors was nearly seven years. A table showing the date that each step in the SEC administration was completed for each of the SEC Fair Funds—or in the event that a step is pending completion, the date that it is currently estimated to be completed—is attached hereto as **Exhibit B**. The table also shows the amount of time from the SEC orders directing those penalties be paid to the distribution of those funds to investors.

7. SCS has identified seven key administrative benchmarks that had to be met by each of the SEC Fair Funds in order for the funds to be distributed to investors, as shown on **Exhibit B**, each requiring months of work to satisfy:

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<sup>3</sup> The SEC Fair Funds are *In the Matter of Orthofix International N.V., Jeffrey Hammel, CPA, Brian McCollum, Kenneth Mack and Bryan McMillan*, SEC Admin. Proc. File Nos. 3-17791, 3-17792, 3-17793, 3-17794; *SEC v. United Development Funding III, LP, et al.* Case No. 3:18-cv-01735-L (N.D. Tex.) (“UDF Fair Fund”); *In the Matter of MagnaChip Semiconductor Corporation, et al.*, SEC Admin. Proc. File No. 3-17956 (“MagnaChip Fair Fund”); and *In the Matter of Advanced Emissions Systems, Inc.*, (“ADES Fair Fund”) SEC Admin. Proc. File No. 3-17892.

- (i) the issuing of a Cease-and-Desist by the SEC whereby the respondents are ordered to pay funds;
- (ii) the establishment of a fair fund where the funds collected from respondents are deposited and held pending the completion of the administrative process, which requires that the respondents have paid the funds and that the SEC has issued an order approving the creation of a qualified settlement fund to be distributed to investors;
- (iii) the approval of a tax administrator to oversee tax obligations for the qualified settlement fund, which requires the selection of a tax administrator after the tax administrator prepares a budget and an order issued by the SEC approving that selection and its proposed budget;
- (iv) the approval of a fund administrator, which involves a lengthy selection process, where the fund administrator is required to submit a proposed budget, and an order issued by the SEC approving the selection of the fund administrator and its proposed budget;
- (v) the submission of a distribution plan requiring research and coordination between multiple parties during the drafting process (there are typically several drafts over several months);
- (vi) the approval of the proposed distribution plan, which is subject to a thirty-day comment period and must thereafter be approved by order of the SEC after any comments have been addressed; and
- (vii) the distribution itself, which occurs after all claims have been reviewed, any disputes have been resolved, and a payee list has been drafted by the

fund administrator and reviewed by both the tax administrator and the SEC.

8. The process of obtaining approval for the appointment of the tax administrator for the MagnaChip Fair Fund and the UDFFair Fund took approximately one year for both cases, and the ADES Fair Fund took nearly five years for this step. The process to receive approval for the appointment of the fund administrator for the MagnaChip Fair Fund and UDF Fair Fund took nearly two additional years. To date, the time from even the penultimate benchmark, the approval of the distribution plan, to the actual distribution has not been less than two years for any of the SEC Fair Funds. The total time from the SEC order directing payment to the distribution of funds has ranged from 3.6 years to 9.9 years or an average of 6.75 years (the “Average”). **See Exhibit B.**

9. The Vanguard Fair Fund will be subject to a similar administrative process and will require additional time so that benchmarks could be adequately met. As of March 5, 2025, an Extension Order was already issued postponing the deadline to submit a proposed plan to distribute the funds until March 24, 2026 (SEC Admin. Proc. File No. 3-22435, Release No. 102528). Neither a tax administrator nor a fund administrator has yet been approved for the Vanguard Fair Fund, both of which are benchmarks that must be met before the submission of a distribution plan. The time to receive approval for both the tax administrator and the fund administrator has ranged from 11 months to 5 years for the SEC Fair Funds, and SCS expects further extensions of time will be required for the submission of the distribution plan for the Vanguard Fair Fund while approval for the tax administrator and fund administrator is sought.

10. Based on SCS’s experience administering SEC Fair Funds, SCS estimates a distribution date for the Vanguard Fair Fund would be September 2031, or 6.75 years (the

“Average”) from the date of the SEC Order.<sup>4</sup> This estimate is based upon several factors, including the average length of time to distribution for the SEC Fair Funds, the difficulty in obtaining certifications required to pay third parties for services rendered to the administration, the time to coordinate between the tax administrator and the fund administrator in the review of the fund administrator’s work, and the uncertain availability of SEC staff during the administrative process.

11. The distribution of the Vanguard Fair Fund could be later if further extensions are granted to the deadline for submitting a distribution plan, or if extra time is required to obtain approval for a tax administrator or meet other benchmarks. As the Plan of Allocation for the Settlement has already received objections, SCS anticipates that the proposed distribution plan for the Vanguard Fair Fund would receive comments that would need to be addressed before it could be approved and that would require further extensions of time. As with the SEC Fair Funds, the Vanguard Fair Fund will have a thirty-day period after the submission of its proposed distribution plan where comments to the plan can be submitted by the public. The MagnaChip Fair Fund received a public comment after submission of its proposed distribution plan that resulted in two orders being issued to extend the deadline for approval or disapproval by a total of five months to address the comment (SEC Admin. Proc. File No. 3-17956, Release Nos. 96095, 96709). SCS anticipates the Vanguard Fair Fund receiving comments to its proposed distribution plan that will require additional extensions of time to resolve, and if the distribution plan requires resubmission, the resubmitted plan will be subject to the same comment process. In addition, there is even a higher level of uncertainty regarding delays in administering the

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<sup>4</sup> As provided in **Exhibit B**, the average time between the SEC’s “Cease and Desist Order” for defendant to pay funds and the time of distribution is 6.75 years or the Average. In the Vanguard Fair Fund matter, the Cease and Desist Order was issued on 1/17/25 and therefore funds are estimated to be distributed on or about September 2031 or about 6.75 years from date of this declaration.

Vanguard Fair Fund due to SEC offices closing; recent delays in administering payment of SCS invoices by the SEC; other proposed cutbacks in the SEC budget; and potential departure of SEC employees. SCS also anticipates that the tax administrator and fund administrator will have a lengthy and uncertain coordination process with the SEC due to the possibility of delays or withholding of payment by, and reductions in staff at, the Commission.

12. SCS estimates that a \$40 million payment into the Vanguard Fair Fund would increase by 1.15% per annum, representing the estimated tax effective annual interest earned in the Settlement Fund.<sup>5</sup> I assume that interest would accrue through October 17, 2031, 6.75 years after the SEC Order (6.55 years from March 31, 2025 to October 17, 2031).<sup>6</sup> Based on this, the future value of the Fair Fund is estimated at \$43,110,847 (**See Exhibit B**). This amount would be reduced by an estimated additional administration cost for re-noticing, publication, revised distribution plan, set-up costs, tax work, and other administration costs estimated at \$191,800 for a Net Future Value (“NFV”) of \$42,919,047.<sup>7</sup> To determine the Net Present Value (“NPV”) of the Fair Fund, I discounted the NFV by an annual discount rate of 8% back to July 17, 2025 (the estimated date of distribution for the Settlement, as noted below) for an apples-to-apples comparison (6.25 years assuming a distribution on or about October 17, 2031). The 8% discount rate is the same rate used by Plaintiffs’ damage expert to determine the time value of money in

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<sup>5</sup> See Exhibit C. The 1.15% tax effective interest rate is computed by taking the average interest rate of the one-year treasury bill over a ten-year historical period (3/17/25 to 3/27/25) of 2.02% and reduce this interest rate by a .2% (20 basis point or 1/5 of 1%) management fee and then reduce it by federal income tax rate for Qualified Settlement Funds of 37% for a tax effective interest rate of 1.15% (2.02% less .2% management fee and less 37% tax rate equals 1.15%). Using short term treasury bill rates for SEC Fair Funds was confirmed with Huntington Bank. Huntington bank is the SEC’s escrow bank for hundreds of SEC Fair Funds.

<sup>6</sup> Applying the Average timeline of 6.75 years to the Vanguard Fair Fund would result in a distribution on or about October 17, 2031. I assume the Settlement were rejected today and Vanguard pays \$40 million into the Vanguard Fair Fund within 10 days per the SEC Order. The period between March 31, 2025 and October 17, 2031 is 6.55 years. **See Exhibit B**.

<sup>7</sup> Assumes the \$40 million Settlement Amount would represent 27.4% of a potential \$146 million SEC Fair Fund. This assumes the estimated additional administration costs for the \$146 million SEC Fair Fund would be approximately \$700,000. 27.4% of the \$700,000 equates to \$191,800.

computing estimated damages in the Settlement and the weights for the proposed Plan of Allocation. Based on these assumptions, I estimate the NPV of the Vanguard Fair Fund in July 2025 to be \$26.5 million (**See Exhibit B**), significantly less than the \$40,000,000 Settlement Amount. If the administrative process for the Vanguard Fair Fund takes longer than the 6.75 years or the Average from the SEC Fair Funds, and there are several reasons to believe that may be the case, as discussed above, the NPV of the Vanguard Fair Fund will be even lower.

13. The current amount in the Settlement Fund is \$40,150,000 (including interest earned to date less taxes). If the Settlement is approved, SCS estimates it will be able to complete the claims administration process and be ready to distribute the Net Settlement Fund to Authorized Claimants (once authorized by the Court) as early as July 2025. The estimated distribution to Settlement Class Members would be approximately \$25.7 million (**See Exhibit D**). The estimated amount of the Net Settlement Fund to be distributed would surpass the NPV of the Fair Fund distribution if the Fair Fund distribution timeline extends just six months or more beyond the 6.75-year Average, as it has in the MagnaChip Fair Fund (8.08 years) and ADES Fair Fund (9.88 years). If the distribution of the Vanguard Fair Fund takes 7.25 years to distribute, the NPV of the Fair Fund would be \$25.68 million, slightly less than the \$25.70 million estimated amount of the Net Settlement Fund.

#### **ESTIMATED COSTS FOR AN ADDITIONAL NOTICE TO SETTLEMENT CLASS MEMBERS**

14. SCS estimates the additional administration costs to provide updated notice to the Settlement Class notifying Settlement Class Members of the SEC Vanguard settlement is as follows, under three alternatives:

- A) Mailing of updated Postcard Notices or emails as done in the initial notice campaign, plus phone labor and other fees and expenses, is estimated at \$90,000.

B) Mailing of updated Postcard Notices only, plus phone call labor and other fees and expenses, is estimated at \$215,000.

C) Mailing of updated Long Notices only, plus phone call labor and other fees and expenses, is estimated at \$360,000

**UPDATE ON STATUS AND TIMING OF CLAIMS**

15. Notices were sent to 312,727 potential Settlement Class Members. To date, 211,849 claims have been filed. This represents an unprecedented claims rate of 68%. The normal claims rate for matters similar to this Settlement typically range from 10% to 30%. Of the 211,849 claims filed to date, 95.7% of claims (202,672 claims) were filed after January 17, 2025, the date of SEC's Cease and Desist Order regarding the SEC Vanguard settlement.

I declare under penalty of perjury that the foregoing is true and correct.

Signed this 21<sup>st</sup> day of March 2025, in Media, Pennsylvania.



Paul Mulholland

# EXHIBIT A

**CLAIMANT COMMUNICATION***Phone Calls*

We tailor our Call Center to the needs of each settlement, we can provide an automated approach using the latest IVR technology or, if counsel prefers, we offer a more personal approach and have one of our highly trained staff answer the phone and help the Class member with any issue they may have. We also offer call tracking for each case, detailing the claimants question, and reporting on the total number of calls received.

*Email*

If a client requests it, we can provide a dedicated email address for each settlement where Class members can correspond and receive prompt answers from one of our highly trained staff.

*Website*

On request, we can provide a dedicated website for a settlement where all pertinent data and forms can be easily accessed by class members. Using these websites Class Counsel can quickly and easily communicate to the class with ongoing updates and status changes in the Settlement.

**DISTRIBUTION***Checks*

We have handled distributions of all sizes and values, ranging from a few hundred checks, to hundreds of thousands of checks worth millions of dollars. We monitor all our bank accounts on a daily basis using a Positive Pay system to ensure our clients that only checks we issued will be cashed.

*Taxation*

SCS can handle all taxation needs for a settlement. From calculating and paying taxes on the interest earned in the Settlement Fund, to withholding Federal and State taxes on wage cases, our staff of Certified Public Accounts ensure that all filing requirements are met.

**KEY INDIVIDUALS**

Paul Mulholland, CPA, CVA  
President

As the founder, Mr. Mulholland is the key liaison with counsel on all administrative cases. He holds a BS degree in Accounting from Wheeling Jesuit University and is a Certified Public Accountant and a Certified Valuation Analyst. He is a member of the AICPA and NACTA.

Matthew Shillady  
Operations Manager

Mr. Shillady overlooks all areas of operations and systems management. Matthew is an expert in database management and computer systems. Matthew Shillady is a graduate of Penn State University. He holds a BS degree in Information Sciences and Technology Integration with substantial experience in data integration and database systems. Mr. Shillady has been with Strategic Claims since June of 2003.

Josephine Bravata

Quality Assurance Manager  
Ms. Bravata is involved with all areas of claims administration. She supervises the claims processing, database management, notification, bank reconciliations, check distributions and preparation of reports. Ms. Bravata joined the Company in 2001 after graduating from Neumann University. She has a BS degree in Accounting and a Minor in Computer and Information Management.

*Checks*

We have handled distributions of all sizes and values, ranging from a few hundred checks, to hundreds of thousands of checks worth millions of dollars. We monitor all our bank accounts on a daily basis using a Positive Pay system to ensure our clients that only checks we issued will be cashed.

*Taxation*

SCS can handle all taxation needs for a settlement. From calculating and paying taxes on the interest earned in the Settlement Fund, to withholding Federal and State taxes on wage cases, our staff of Certified Public Accounts ensure that all filing requirements are met.

# STRATEGIC CLAIMS SERVICES

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610.565.7985

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"Your able and conscientious handling of this matter is much appreciated."

Honorable William C. Connor  
United States District Judge  
Southern District of New York  
Administration of the Texaco ERISA  
Litigation Settlement

## OUR MISSION

Strategic Claims Services strives to offer high quality claims administration and unmatched solutions to its clients while maintaining exceptional client relationships.

» We supply customized reports and detailed reviews of the Administration process so clients can stay well informed and up-to-date on any aspect of the administration process.

» We provide unsurpassed customer relations through our fully trained claims administrators who answer each call personally and assist our clients with their knowledge and expertise.

» We tailor a solution to each class action to ensure compliance with all the court and settlement documents.

## CLASS NOTIFICATION

Strategic Claims Services offers many different options for both notices and claim forms. Based on the Client's requirements, SCS can compare the notice documents to ensure compliance with the settlement documents and the Court's requirements. SCS can also design Claim Forms to ensure Class Members fully understand and comply with the requirements of each settlement.

We can also provide assistance with publishing Legal Notice through newspapers, press releases, and websites. Using our contacts in the publishing industry we can negotiate favorable rates in most major newspapers, allowing the class to benefit from reduced publication costs.

» We provide a solution to each class action to ensure compliance with all the court and settlement documents.

## DATA MANAGEMENT

One of the most important steps in class action administration is creating and maintaining accurate class lists. Based on the client's needs, we develop a custom database to hold all the class member's pertinent data.

Our Information Technology Specialists can:

» Convert most data formats for use in the class database

» Database Management and Design

» Website Design and Updates

» Design custom reports for clients based on class data

» Removal of duplicate records

» Class-wide loss calculations

## OUR HISTORY

Strategic Claims Services (SCS) was established in 1999 to provide support in managing, planning, implementing and administering class action litigations. The highly skilled staff consists of Certified Public Accountants, Information Technology professionals, experienced managers, bookkeepers and support staff.

With over a decade of experience in hundreds of cases involving notification, claims processing and distribution, SCS develops a custom solution for each and every client to ensure the highest quality service at a competitive price. SCS is devoted to offering paramount quality control throughout all dimensions of the claims administration process.

As an innovator in claims administration services, SCS is a technology driven organization with a proven track record to handle cases of all sizes in a cost-effective and efficient manner. The firm also provides tailored proposals, data management, and consultation.

"Strategic Claims Services (SCS) provides excellent customer service, and the best price in the business. SCS's attention to detail, high quality work, quick and accurate turn around are the hallmarks of its true professionalism. Ready access to SCS's president, Paul Mulholland, and his personal involvement assures me everything is done right. You can't beat SCS - they're simply the best in the industry."

John F. Innelli  
Innelli & Robertson

Our staff is well trained in all aspects of claims processing, with a focus on quality control and customer service. Each claim is reviewed in detail to ensure compliance with all settlement requirements. Using our custom built software, we ensure each claim is calculated accurately and quickly. The scope of our work includes, but is not limited to the following:

» Determining the validity of each claim filed

» Calculation of losses for each claim

» Communication with claimants to cure invalid claims

» Quality assurance for all high value claims

» Final reporting to Counsel and the Court

» Electronic Claim Processing

During the administration process we are in constant communication with counsel concerning all matters. We provide regular status reports from the initial mailing through the final disposition of funds.

## SUMMARY

### SCS Experience and Qualifications

SCS has been in business since 1999. SCS has administered over 700 class action cases over the last 25 years including over 500 security cases including several settlements with the SEC. SCS has handled over \$4 billion in settlement funds. SCS is considered one of the leading notice and claims administrator in the United States and has never had a claim filed against us in any manner. Please visit our website at [www.strategicclaims.net](http://www.strategicclaims.net).

### Quality Assurance

SCS has never had a claim filed against it. This is the result of our strong quality control procedures. For example, our database will insert the high and low trading prices and reported trading volume (adjusted for market maker trading or specialist trading) for each day in the class period and verify the information in the claims are within these parameters. Additional quality assurance steps include but are not limited to review of any unusual trading on claims; large claims using a P.O. Box as an address; large transactions by non-institutions claimants; review of suspicious documentation by claimants; follow-up phone calls to brokers to authenticate non-institutional purchasers; as well as various random sampling of claims for additional quality assurance review. SCS operates similar to large public accounting firm where a staff member, supervisor, manager and an executive all are involved in reviewing claims. Our quality control department will then perform statistical sampling and other procedures in reviewing claims before signing off. Besides setting up the database to detect inconsistencies, our fraud prevention procedures consists of several steps including a sampling of claims to verify the supporting documentation is authentic (i.e. contact brokers); performing a sampling of skip tracing to make sure that social security numbers and names are a proper match as well as other procedures. In addition to our list of fraudulent claimants from other cases, we communicate with the FBI for any updated list of fraudulent claimants from previous cases.

SCS has a variety of security measures in place to ensure all personal information is kept safe and secure. These measures include, but are not limited to, SSL encryption of all data submitted through our website; internal monitoring of all computer usage by employees; live antivirus scanning of all files received/sent along with weekly updates and scanning of all servers and computers on our network; password protected and restricted access for employees working with personal data; use of a monitored and secure VPN for remote access; daily, weekly and monthly backups to secure offsite storage; and 24/7 notifications to immediately address any irregularities.

PAUL MULHOLLAND, CPA  
(CURRICULUM VITAE)

Mr. Mulholland is the President and founder of Strategic Claims Services (SCS) in April of 1999. SCS is a litigation support firm specializing in the administration of class action cases and in providing damages analyses in class action matters. SCS has administered over 500 class action settlements and calculated over 150 damage analyses since its inception. The Company also specializes in the preparation and compliance of federal and state income taxes for Qualified Settlement Funds. For more information on SCS visit its website at [www.strategicclaims.net](http://www.strategicclaims.net).

From 1992 to 1999, Mr. Mulholland was Senior Vice President of Valley Forge Administrative Services, Inc. Mr. Mulholland was responsible for overseeing all aspects preparation of damage/expert reports in class action matters and for claims processing and administration of class action settlements. He also was responsible for areas of federal and state income taxes for settlement funds and for compliance with all treasury regulations.

From 1986 to 1992, Mr. Mulholland was Chief Financial Officer of Terramics Property Company, a Philadelphia-based regional commercial real estate company with a \$150 million real estate portfolio. He was responsible for asset management, financial reporting, budgets, bank and investor liaison, debt restructurings, refinancings, contract negotiations, tax matters, treasury functions and cash management.

From 1984 to 1986, Mr. Mulholland was Chief Financial Officer of American Health Systems, Inc., a \$40 million (revenue) nursing home management company, and was responsible for financial reporting, taxation, budgeting, cash management, cost containment, risk management and regulatory reporting.

From 1980 to 1984, Mr. Mulholland was employed at Coopers & Lybrand. He planned and directed audit engagements in a variety of industries, including preparation of financial statements, SEC reporting, and evaluation of internal accounting systems and supervision of staff accountants.

Mr. Mulholland holds a BS in Accounting from Wheeling Jesuit University and is a Certified Public Accountant and a member of the AICPA. He serves on several advisory boards and board of directors for several companies in the Philadelphia area. Mr. Mulholland was an adjunct professor of accounting and finance at Neumann University located in Aston, PA.

PAUL MULHOLLAND, CPA  
EXPERT TESTIMONY AND DEPOSITIONS

Expert Testimony:

Celia L. Hale., et al., v. Wal-Mart Stores, Inc  
Jackson County, Missouri  
Case No. 01-CV-218710 (Division 1) June 2008

Jitendra V. Singh v. vCustomer Corporation, et al.  
Eastern District of Pennsylvania  
Civil Action No. 03-4439 June 2004

Barter v. Southmoore Golf Associates  
(Common Pleas of Northhampton County (No. 199-C-1815) March 21, 2000 and  
March 22, 2000

Pearl and Hoffman v. Geriatric & Medical Center, Inc (Eastern  
District of Pennsylvania (No.92-CV-5113 and No.93-CV-2129) March 1995

Depositions:

Fosamax Products  
Liability Litigation No. 1:06-MD-1789 (JFK)  
(MDL No. 1789)  
USDC for the Southern District of New York June 14, 2007

Aredia and Zometa Products  
Liability Litigation No. 3:06-MD-1760  
(MDL No. 1760)  
USDC for the Middle District of Tennessee  
at Nashville May 31, 2007

Jitendra V. Singh v. vCustomer Corporation, et al.  
Eastern District of Pennsylvania  
Civil Action No. 03-4439 June 2004

In Re: Curative Health Services, Inc. Securities Litigation  
(Master File No. CV99-2074) United States District Court  
Eastern District of New York February 2002

Pearl and Hoffman v. Geriatric & Medical Center, Inc (Eastern  
District of Pennsylvania (No.92-CV-5113 and No.93-CV-2129) January 1995

Mediation Presentation:

Alibaba Group Holding Limited Securities Litigation  
Civil Action 1:15-md-02361 (CN)  
USDC Southern District of New York  
Mediation Presentation to Honorable Layne R Phillips March 2019

## Provide a list of Class Action cases handled over the few years (Last Three Years)

Case Named	Number of Claims	Number of Notices	Settlement Value
Christine Asia Co. Ltd. et al. v. Jack Yun Ma et al.	166,891	1,086,191	\$250,000,000.00
In re Silver Wheaton Corp. Securities Litigation	100,245	484,155	\$41,500,000.00
Menaldi v. Och-Ziff Capital Management Group LLC, et al.	30,567	68,723	\$28,750,000.00
Richard Thorpe and Darrel Weisheit v. Walter Investment Management Corp., et al.Corp., et al	54,712	39,777	\$24,000,000.00
Thomas, et al. v. MagnaChip Semiconductor Corp., et al.	14,419	40,078	\$23,500,000.00
In re Prothema Corporation plc Sec. Litig.	5,989	28,970	\$15,750,000.00
In re USA Technologies, Inc. Securities Litigation	6,089	32,766	\$15,300,000.00
In re United Development Funding IV Securities Litigation / Hay v. United Development Funding IV, et al	11,717	49,535	\$10,435,725.00
Lee v. Pincus	1,745	1,865	\$10,000,000.00
Meyer v. Concordia International Corp.	3,071	11,159	\$9,250,000.00
Orthofix Fair Fund	8,362	19,208	\$8,250,000.00
Mauss v. Nuvasive, Inc	44,628	90,632	\$7,900,000.00
In re Montage Technology Group Limited Securities Litigation	15,950	12,141	\$7,250,000.00
In re Montage Technology Group Limited Securities Litigation	15,950	12,141	\$7,250,000.00
In re Patriot National, Inc. Securities Litigation	2,589	13,530	\$6,500,000.00
Thomas, et al. v. MagnaChip Semiconductor Corp., et al.	21,468	45,537	\$6,200,000.00
Bristol County Ret. Sys. v. Qurate Retail, Inc.	20,932	89,676	\$5,750,000.00
Delarosa v. State Street Corporation, et al.	245,112	469,215	\$4,900,000.00
Carlton, et al., v. Cannon, et al.	7,118	22,786	\$4,500,000.00
In re Lipocine Inc. Securities Litigation	2,967	10,376	\$4,250,000.00
In re iDreamSky Technology Limited Securities Litigation	15,778	12,822	\$4,150,000.00
Snellink v. Universal Travel Group, Inc.	3,416	32,351	\$4,075,000.00
De Vito v. Liquid Holdings Group, Inc., et al	4,953	15,004	\$4,052,500.00
Brendon v. Allegiant Travel Company, et al.	16,813	49,085	\$4,000,000.00
United Food and Commercial Workers Pension Fund v. Advanced Emissions Solutions, Inc., et al.,	22,716	10,367	\$3,950,000.00
Costas v. Ormat Technologies, Inc.	5,665	32,542	\$3,750,000.00
Too v. Rockwell Medical Inc., et al.	1,188	10,143	\$3,700,000.00
In re IsoRay, Inc. Securities Litigation	796	12,286	\$3,537,500.00
Harr v. Ampio Pharmaceuticals, Inc., et al.	9,938	13,400	\$3,400,000.00
Fred Kelsey v. Patrick J. Allin, et al.	11,800	16,376	\$3,300,000.00
Yedlowski v. Roka Bioscience, Inc.	3,537	2,631	\$3,275,000.00
Nickolas Van Wingerden v. Cadiz Inc., et al	5,970	4,886	\$3,000,000.00
Pritchard v. Apyx Medical Corporation, et al.	459	4,983	\$3,000,000.00
In re Retrophin, Inc. Securities Litigation	6,122	8,807	\$3,000,000.00
Wang v. China Finance Online Co. Limited	20,645	31,744	\$3,000,000.00
In re Spectrum Pharmaceuticals, Inc. Securities Litigation	15,845	56,912	\$2,995,000.00
Gauquie v. Albany Molecular Research, Inc. et al.	7,551	4,141	\$2,868,000.00
In re Lihua International, Inc. Securities Litigation	1,688	6,785	\$2,865,000.00
Vaccaro, et al. v. New Source Energy Partners L.P., et al.	719	2,283	\$2,850,000.00
In re Namaste Technologies Inc. Securities Litigation	2,965	64,992	\$2,750,000.00
In re Akari Therapeutics, plc Securities Litigation	284	3,460	\$2,700,000.00
Moleski v. Tangoe, Inc., et al.	16,580	26,366	\$2,550,000.00
In re Sunrun Inc. Securities Litigation	5,200	35,908	\$2,500,000.00

Hosey v. Costolo	183,031	463,059	\$2,500,000.00
Donald Chu v. BioAmber Inc., et al.	2,612	13,545	\$2,250,000.00
In re Akers Biosciences, Inc. Securities Litigation	2,041	115,995	\$2,250,000.00
Tapia-Matos v. Caesarstone, Ltd., et al.	53,284	35,126	\$2,200,000.00
Fand-Hart of New York, Inc., et al v. James P. Dolan	609	3,447	\$2,100,000.00
In re DS Healthcare Group, Inc. Securities Litigation			
Church v. Chatila, et al.			
Matthew Crandall v. PTC Inc., et al.	2,136	14,880	\$2,100,000.00
Cohen v. Kitov Pharmaceuticals Holdings, Ltd., et al.	1,456	4,941	\$2,075,000.00
Crystal v. Medbox, Inc., et al.	885	11,666	\$2,000,000.00
Petrie v. Electronic Game Card, Inc., et al. / Pace v. Quintanilla, et al	2,865	40,390	\$1,850,000.00
Ford v. Natural Health Trends Corp., et al.	763	14,233	\$1,755,000.00
Caifo, et al., v. Messina, Sr., et al.	2,507	23,267	\$1,750,000.00
Shapiro v. Alliance MMA, Inc., et al.	2,617	10,201	\$1,650,000.00
In re CBD Energy Limited Securities Litigation	274	1,953	\$1,550,000.00
In re Altair Nanotechnologies Securities Litigation	4,182	5,183	\$1,500,000.00
Hrasok v. Kraton Corp., et al.	963	7,003	\$1,500,000.00
Weinstein v. RMG Networks Holding Corp., et al.	3,269	7,313	\$1,500,000.00
In re China Mobile Games & Entertainment Group, Ltd Securities Litigation	358	11,219	\$1,500,000.00
In re KaloBios Pharmaceuticals, Inc. Securities Litigation	15,933	14,592	\$1,500,000.00
In re KaloBios Pharmaceuticals, Inc. Securities Litigation	659	18,507	\$1,500,000.00
Nisseison v. Ji / Skeway, et al. v. China Natural Gas, Inc	898	21,491	\$1,500,000.00
Balon v. Agria Corporation, et al.	2,406	25,417	\$1,400,000.00
Springer, v. Code Rebel Corporation, et al.	125	730	\$1,300,000.00
Pepe v. Cocrystal Pharma, Inc.	548	5,207	\$1,300,000.00
Tran v. ERBA Diagnostics, Inc., et al.	573	20,340	\$1,265,000.00
Rex & Roberta Ling Living Trust v. B Communications Ltd., et al.	353	5,709	\$1,215,000.00
Bai v. TCP International Holdings, Ltd., et al.	319	1,620	\$1,200,000.00
M & M Hart Living Trust et al. v. Global Eagle Entertainment et al.	433	1,661	\$1,100,000.00
Monachelli v. Hortonworks, Inc.	1,711	7,703	\$1,100,000.00
Garcia v. Hetong Guo, et al.	1,765	8,285	\$1,100,000.00
Allen v. PixarBio Corporation, et al.	298	2,982	\$1,000,000.00
In re Velti plc Securities Litigation	92	428	\$750,000.00
Guyer v. MGT Capital Investments, Inc., et al.	12,614	58,622	\$750,000.00
In re Stemline Therapeutics, Inc. Securities Litigation	2,357	116,445	\$750,000.00
Castillo lv v. 6D Global Technologies, Inc., et al.	555	2,180	\$680,000.00
Hull v. Global Digital Solutions, Inc.	416	3,170	\$640,000.00
Scalfani v. Misonix, Inc., et al.	162	6,555	\$595,000.00
Healy v. Arben Kryeziu a/k/a Arben Kane, et al. / Torres v. Arben Kryeziu a/k/a Arben Kane	272	825	\$500,000.00
In re ForceField Energy Inc. Securities Litigation	684	6,062	\$415,000.00
Longwei Petroleum Investment Holding Ltd. Dissolution Distribution	1,254	4,028	\$414,500.00
	786	3,843	\$100,000.00

## EXHIBIT B

Case	Cease and Desist Order (Defendant ordered to pay funds)	Fair Fund Established	Approval of Tax Administrator	Approval of Fund Administrator/Distribution Agent	Distribution Plan Submitted	Distribution Plan Approved	Distribution Date	# of Days	# of Years
In the Matter of Orthofix International N.V. Jeffrey Hammel, CPA, Brian McCollum, Kenneth Mack and Bryan McMillan, Admin. Proc. File Nos. 3-17791, 3-17792, 3-17793, 3-17794	1/18/2017	1/18/2017	6/31/2017	12/27/2017	4/30/2018	6/22/2018	6/22/2018	8/25/2020	3.60
SEC v. United Development Funding III, L.P. et al. Case No. 3:18-cv-01735-(N.D. Tex.)	7/31/2018	7/16/2019	7/16/2019	5/28/2021	7/7/2021	10/4/2021	10/4/2021	1/11/2024	5.45
In the Matter of Magnachip Semiconductor Corporation, et al. Admin. Proc. File No. 3-17956	5/1/2017	5/1/2017	6/14/2018	3/19/2020	8/17/2021	5/10/2023	Waiting on Commission Approval of Payee List and Reassurance Letter	2,951	8.08
Advanced Emissions Systems, Inc. ("ADES") Admin. Proc. File No. 3-17892	3/29/2017	Waiting on Approval of ADES Fair Fund (Only)	1/25/2022	Waiting on Approval of ADES Fair Fund	1/25/2022	Waiting on Approval of ADES Fair Fund	Waiting on Approval of ADES Fair Fund	3,607	9.88
							Total	2862.00	27.02
							Average	2465.50	6.75
<p>Assume SEC will distribute on October 17, 2031, 6.55 years from March 31, 2025, \$40 million earning 1.15%.</p> <p>Less: Additional estimated \$191,380 administration costs for notice, tax work, set-up, publication and other administration costs proportionate to the \$40 million settlement</p> <p>Net Future Value (NFV) after deducting additional administration costs</p> <p>Net Present Value (NPV): NFV discounted at 8% over 6.25 yrs back to July 17, 2025</p> <p>NPV: \$40 million grown at 1.15% for 7.05 years, discounted at 8% over 6.75 yrs to July 17, 2025</p>									
In the Matter of The Vanguard Group, Inc., Respondent Admin. Proc. File No. 3-22435	1/17/2025	1/17/2025	Pending	Pending	3/26/2026 ETA	Pending	Pending		

**EXHIBIT C**

<u>Mgt. Fee</u>	<u>37%</u>	<u>Net Tax</u>	
<u>(20 basis</u>	<u>Federal</u>	<u>Effective</u>	
<u>10 Year Average</u>	<u>Points)</u>	<u>Tax Rate</u>	<u>Interest Rate</u>
2.02%	-0.20%	-0.675%	1.15%

3/17/15 to 3/17/25 Period

Macrotrends Data Download

ury Rate - 10 Year Historical Chart

3/17/2015	0.27
3/18/2015	0.23
3/19/2015	0.26
3/20/2015	0.24
3/23/2015	0.24
3/24/2015	0.24
3/25/2015	0.25
3/26/2015	0.28
3/27/2015	0.27
3/30/2015	0.27
3/31/2015	0.26
4/1/2015	0.27
4/2/2015	0.25
4/3/2015	0.21
4/6/2015	0.21
4/7/2015	0.22
4/8/2015	0.22
4/9/2015	0.22
4/10/2015	0.24
4/13/2015	0.23
4/14/2015	0.23
4/15/2015	0.23
4/16/2015	0.22
4/17/2015	0.23
4/20/2015	0.24
4/21/2015	0.23
4/22/2015	0.23
4/23/2015	0.24
4/24/2015	0.24
4/27/2015	0.25
4/28/2015	0.24
4/29/2015	0.25
4/30/2015	0.24

5/1/2015	0.25
5/4/2015	0.25
5/5/2015	0.24
5/6/2015	0.25
5/7/2015	0.24
5/8/2015	0.23
5/11/2015	0.25
5/12/2015	0.25
5/13/2015	0.24
5/14/2015	0.23
5/15/2015	0.23
5/18/2015	0.22
5/19/2015	0.23
5/20/2015	0.23
5/21/2015	0.22
5/22/2015	0.23
5/26/2015	0.24
5/27/2015	0.27
5/28/2015	0.26
5/29/2015	0.26
6/1/2015	0.26
6/2/2015	0.26
6/3/2015	0.26
6/4/2015	0.27
6/5/2015	0.29
6/8/2015	0.27
6/9/2015	0.27
6/10/2015	0.28
6/11/2015	0.28
6/12/2015	0.28
6/15/2015	0.28
6/16/2015	0.28
6/17/2015	0.27
6/18/2015	0.26
6/19/2015	0.25
6/22/2015	0.27
6/23/2015	0.3
6/24/2015	0.3
6/25/2015	0.29
6/26/2015	0.29
6/29/2015	0.27
6/30/2015	0.28
7/1/2015	0.28
7/2/2015	0.26

7/6/2015	0.26
7/7/2015	0.25
7/8/2015	0.24
7/9/2015	0.25
7/10/2015	0.28
7/13/2015	0.28
7/14/2015	0.27
7/15/2015	0.28
7/16/2015	0.29
7/17/2015	0.29
7/20/2015	0.31
7/21/2015	0.34
7/22/2015	0.34
7/23/2015	0.33
7/24/2015	0.32
7/27/2015	0.32
7/28/2015	0.32
7/29/2015	0.33
7/30/2015	0.36
7/31/2015	0.33
8/3/2015	0.33
8/4/2015	0.37
8/5/2015	0.38
8/6/2015	0.35
8/7/2015	0.38
8/10/2015	0.4
8/11/2015	0.37
8/12/2015	0.37
8/13/2015	0.4
8/14/2015	0.41
8/17/2015	0.4
8/18/2015	0.42
8/19/2015	0.39
8/20/2015	0.39
8/21/2015	0.36
8/24/2015	0.33
8/25/2015	0.36
8/26/2015	0.35
8/27/2015	0.36
8/28/2015	0.38
8/31/2015	0.39
9/1/2015	0.39
9/2/2015	0.37
9/3/2015	0.36

9/4/2015	0.36
9/8/2015	0.39
9/9/2015	0.39
9/10/2015	0.39
9/11/2015	0.4
9/14/2015	0.4
9/15/2015	0.47
9/16/2015	0.46
9/17/2015	0.39
9/18/2015	0.35
9/21/2015	0.36
9/22/2015	0.35
9/23/2015	0.34
9/24/2015	0.32
9/25/2015	0.35
9/28/2015	0.34
9/29/2015	0.33
9/30/2015	0.33
10/1/2015	0.31
10/2/2015	0.25
10/5/2015	0.26
10/6/2015	0.26
10/7/2015	0.27
10/8/2015	0.27
10/9/2015	0.28
10/13/2015	0.27
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10/16/2015	0.23
10/19/2015	0.23
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10/23/2015	0.24
10/26/2015	0.25
10/27/2015	0.29
10/28/2015	0.33
10/29/2015	0.33
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11/2/2015	0.37
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11/4/2015	0.4
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11/6/2015	0.47

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11/12/2015	0.51
11/13/2015	0.5
11/16/2015	0.5
11/17/2015	0.5
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11/19/2015	0.49
11/20/2015	0.49
11/23/2015	0.5
11/24/2015	0.52
11/25/2015	0.52
11/27/2015	0.5
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12/1/2015	0.51
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12/3/2015	0.57
12/4/2015	0.6
12/7/2015	0.67
12/8/2015	0.76
12/9/2015	0.72
12/10/2015	0.71
12/11/2015	0.68
12/14/2015	0.68
12/15/2015	0.69
12/16/2015	0.7
12/17/2015	0.69
12/18/2015	0.67
12/21/2015	0.64
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12/28/2015	0.66
12/29/2015	0.67
12/30/2015	0.64
12/31/2015	0.65
1/4/2016	0.61
1/5/2016	0.68
1/6/2016	0.67
1/7/2016	0.66
1/8/2016	0.64
1/11/2016	0.63
1/12/2016	0.62
1/13/2016	0.6

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1/19/2016	0.48
1/20/2016	0.43
1/21/2016	0.44
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1/25/2016	0.47
1/26/2016	0.47
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1/28/2016	0.47
1/29/2016	0.47
2/1/2016	0.47
2/2/2016	0.54
2/3/2016	0.54
2/4/2016	0.52
2/5/2016	0.55
2/8/2016	0.51
2/9/2016	0.52
2/10/2016	0.52
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2/12/2016	0.51
2/16/2016	0.51
2/17/2016	0.53
2/18/2016	0.53
2/19/2016	0.53
2/22/2016	0.55
2/23/2016	0.55
2/24/2016	0.55
2/25/2016	0.56
2/26/2016	0.6
2/29/2016	0.62
3/1/2016	0.68
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3/16/2016	0.66
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12/9/2016	0.8468
12/12/2016	0.8468
12/13/2016	0.8673
12/14/2016	0.9084
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1/9/2017	0.8057
1/10/2017	0.8006
1/11/2017	0.8057
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1/16/2017	0.7954
1/17/2017	0.78
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1/24/2017	0.7799

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1/26/2017	0.785
1/27/2017	0.785
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2/2/2017	0.8109
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2/7/2017	0.7801
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2/16/2017	0.7953
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2/20/2017	0.7953
2/21/2017	0.7953
2/22/2017	0.7953
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7/18/2017	1.191
7/19/2017	1.2175
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7/24/2017	1.2174
7/25/2017	1.2277

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10/25/2022	4.6

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10/31/2022	4.66
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12/21/2022	4.6
12/22/2022	4.64
12/23/2022	4.66
12/27/2022	4.75
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5/5/2023	4.73

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5/12/2023	4.75
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7/10/2023	5.38
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6/17/2024	5.11
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9/12/2024	4.09
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9/24/2024	3.88
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9/26/2024	3.96
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9/30/2024	3.98
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2/14/2025	4.23
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3/3/2025	4.06
3/4/2025	4.04
3/5/2025	4.06
3/6/2025	4.02
3/7/2025	4.05
3/10/2025	3.98
3/11/2025	4.03
3/12/2025	4.07
3/13/2025	4.03
3/14/2025	4.09
3/17/2025	<u>4.11</u>

202.44%

3/17/15 to 3/17/25

## EXHIBIT D

Gross Settlement \$40,000,000

**Add:**

Net Interest Earned after  
Administrative Expenses  
and Taxes through 3/15/25 \$150,000

**Less:**

Legal Fees (\$13,333,333)  
Legal Expenses (\$877,457)  
Plaintiffs' Awards (\$240,000)

Amount Available for Distribution **\$25,699,210**